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February 28, 2007

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Attn: Mail Stop Amendment

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Art Unit 1614

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application No. 10/578,403

(U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443; I.A. Date: November 4, 2004)

For: 2-HALOGEN-6-ALKYL-PHENYL SUBSTITUTED SPIROCYCLIC TETRAMIC ACID DERIVATIVES

Inventors: FISCHER et al.

Our Ref: 2400.0320000/VLC/CMB

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO/SB/08A listing fifty-eight (58) cited documents;
- 3. Copies of fifty-five (55) of the fifty-eight (58) cited documents (FP1-FP55);
- 4. Form PTO/SB/08B listing forty-two (42) cited documents;
- 5. Copies of the forty-two (42) cited documents (NPL1-NPL42); and
- 6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents February 28, 2007 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Cynthia M. Bouchez Attorney for Applicants Registration No. 47,438

JMC/VLC/CMB:krh Enclosures

646956_1.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re application of:

Confirmation No.: 1672

FISCHER et al.

1614

Appl. No.: 10/578,403

(U.S. Nat'l Phase of Int'l Appl.

No. PCT/EP2004/012443)

Examiner: To Be Assigned

Filed: November 4, 2004

Art Unit:

For: 2-Halogen-6-Alkyl-Phenyl

Substituted Spirocyclic Tetramic

Acid Derivatives

Atty. Docket: 2400.0320000/ VLC/CMB

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Information Disclosure Statement Forms, PTO/SB/08A and PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents FP1 to FP55 and NPL1 to NPL42 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents cited on the attached Form PTO/SB/08A, documents US1 to US3, are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents, FP1 to FP6, FP8 to FP20, FP22, FP23, FP25 to FP55, NPL1, NPL4 to NPL6, and NPL11, cited on Forms PTO/SB/08A and PTO/SB/08B:

Document FP1, DE 2 218 097 A1, is in the German language. An English language abstract of document FP1 is cited as document NPL16 and submitted herewith.

Document FP2, DE 2 350 547 A1, is in the German language. An English language abstract of document FP2 is cited as document NPL17 and submitted herewith.

Document FP3, ÉP 0 086 750 A2, is in the German language. An English language abstract of document FP3 is cited as document NPL18 and submitted herewith.

Document **FP4**, EP 0 094 349 A2, is in the German language. An English language abstract of document FP4 is cited as document **NPL19** and submitted herewith.

Document **FP5**, EP 0 174 562 A2, is in the German language. An English language abstract of document FP5 is cited as document **NPL20** and submitted herewith.

Document **FP6**, EP 0 191 736 A2, is in the German language. An English language abstract of document FP6 is cited as document **NPL21** and submitted herewith.

Document FP8, EP 0 269 806 A1, is in the German language. An English language abstract of document FP8 is cited as document NPL22 and submitted herewith.

Document **FP9**, EP 0 333 131 A1, is in the German language. An English language abstract of document FP9 is cited as document **NPL23** and submitted herewith.

Document FP10, EP 0 346 620 A1, is in the German language. An English language abstract of document FP10 is cited as document NPL24 and submitted herewith.

Document FP11, EP 355 599 A1, is in the German language. An English language abstract of document FP11 is cited as document NPL25 and submitted herewith.

Document FP12, EP 0 377 893 A1, is in the German language. An English language abstract of document FP12 is cited as document NPL26 and submitted herewith.

Document FP13, EP 0 415 211 A2, is in the German language. An English language abstract of document FP13 is cited as document NPL27 and submitted herewith.

Document FP14, WO 91/07874 A1, is in the German language. An English language abstract of document FP14 can be found on the face page of the published patent application.

Document FP15, WO 91/08202 A1, is in the German language. An English language abstract of document FP15 can be found on the face page of the published patent application.

Document **FP16**, EP 0 442 073 A2, is in the German language. An English language abstract of document FP16 is cited as document **NPL28** and submitted herewith.

Document FP17, EP 0 442 077 A2, is in the German language. An English language abstract of document FP17 is cited as document NPL29 and submitted herewith.

Document FP18, EP 0 456 063 A2, is in the German language. An English language abstract of document FP18 is cited as document NPL30 and submitted herewith.

Document FP19, EP 0 492 366 A2, is in the German language. An English language abstract of document FP19 is cited as document NPL31 and submitted herewith.

Document FP20, EP 0 521 334 A1, is in the German language. An English language abstract of document FP20 is cited as document NPL32 and submitted herewith.

Document FP22, EP 0 582 198 A2, is in the German language. An English language abstract of document FP22 is cited as document NPL33 and submitted herewith.

Document FP23, EP 0 596 298 A2, is in the German language. An English language abstract of document FP23 is cited as document NPL34 and submitted herewith.

Document FP25, EP 0 613 884 A2, is in the German language. An English language abstract of document FP25 is cited as document NPL35 and submitted herewith.

Document FP26, EP 0 613 885 A2, is in the German language. An English language abstract of document FP26 is cited as document NPL36 and submitted herewith.

Document FP27, WO 94/29268 A1, is in the German language. An English language abstract of document FP27 can be found on the face page of the published patent application.

Document FP28, WO 95/01971 A1, is in the German language. An English language abstract of document FP28 can be found on the face page of the published patent application.

Document FP29, WO 95/07897 A1, is in the German language. An English language abstract of document FP29 can be found on the face page of the published patent application.

Document FP30, WO 95/20572 A1, is in the German language. An English language abstract of document FP30 can be found on the face page of the published patent application.

Document FP31, EP 0 668 267 A1, is in the German language. An English language abstract of document FP31 is cited as document NPL37 and submitted herewith.

Document FP32, WO 95/26954 A1, is in the German language. An English language abstract of document FP32 can be found on the face page of the published patent application.

Document FP33, WO 96/25395 A1, is in the German language. An English language abstract of document FP33 can be found on the face page of the published patent application.

Document FP34, WO 96/35664 A1, is in the German language. An English language abstract of document FP34 can be found on the face page of the published patent application.

Document FP36, WO 97/01535 A1, is in the German language. An English language abstract of document FP36 can be found on the face page of the published patent application.

Document FP37, WO 97/02243 A1, is in the German language. An English language abstract of document FP37 can be found on the face page of the published patent application.

Document FP38, WO 97/36868 A2, is in the German language. An English language abstract of document FP38 can be found on the face page of the published patent application.

Document **FP39**, WO 97/43275 A2, is in the German language. An English language abstract of document FP39 can be found on the face page of the published patent application.

Document FP40, DE 196 21 522 A1, is in the German language. An English language abstract of document FP40 is cited as document NPL38 and submitted herewith.

Document **FP41**, WO 98/05638 A2, is in the German language. An English language abstract of document FP41 can be found on the face page of the published patent application.

Document **FP42**, WO 98/06721 A1, is in the German language. An English language abstract of document FP42 can be found on the face page of the published patent application.

Document FP43, EP 0 835 243 B1, is in the German language. An English language equivalent of document FP43 is listed as document US1.

Document **FP45**, WO 99/16748 A1, is in the German language. An English language abstract of document FP45 can be found on the face page of the published patent application.

Document **FP46**, WO 99/24437 A1, is in the German language. An English language abstract of document FP46 can be found on the face page of the published patent application.

Document FP47, WO 99/43649 A1, is in the German language. An English language abstract of document FP47 can be found on the face page of the published patent application.

Document FP48, WO 99/48869 A1, is in the German language. An English language abstract of document FP48 can be found on the face page of the published patent application.

Document **FP49**, WO 99/55673 A1, is in the German language. An English language abstract of document FP49 can be found on the face page of the published patent application.

Document FP50, WO 99/66795 A1, is in the German language. An English language abstract of document FP50 can be found on the face page of the published patent application.

Document FP51, WO 01/09092 A1, is in the German language. An English language abstract of document FP51 can be found on the face page of the published patent application.

Document FP52, WO 01/17972 A2, is in the German language. An English language abstract of document FP52 can be found on the face page of the published patent application.

Document FP53, WO 01/23354 A2, is in the German language. An English language abstract of document FP53 can be found on the face page of the published patent application.

Document FP54, WO 01/74770 A1, is in the German language. An English language abstract of document FP54 can be found on the face page of the published patent application.

Document **NPL1**, "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," *Chem. Berichte*, 5 pages (1965), is in the German language. An English language abstract of document NPL1 is cited as document **NPL39** and submitted herewith.

Document NPL4, "Addition Des Réactifs Nucléophiles Sur La Triple Liaison Nitrile," *Ann. Chim.*, 12 pages (1970), is in the French language. An English language abstract of document NPL4 can be found on the face page of the article.

Document NPL5, "Synthesis of steranthrenes. III. 3,4-Aceperinaphthane and 6,7-aceperinaphtane," *Ann. Chem.*, 15 pages (1954), is in the German language. An English language abstract of document NPL5 is cited as document NPL40 and submitted herewith.

Document **NPL6**, "The endo-methylenepiperidazine resulting from cyclopentadiene and azo ester and its transformation into 1,3-diaminocyclopentane," *Ann. Chem.* 21 pages (1925), is in the German language. An English language abstract of document NPL6 is cited as document **NPL41** and submitted herewith.

Document NPL11, "Cyclization of N-acylalanine and N-acylglycine Esters," Liebigs Ann. Chem., 4 pages (1985) is in the German language. An English language abstract of document NPL11 can be found on the face page of the article

Documents FP35, FP44, and FP55 were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. The search report is attached as document NPL42 on the IDS Form, PTO/SB/08B. 1138 OG 37, 38.

Applicants would also like to bring to the attention of the Examiner that, for the following document, the volume number could not be determined after reasonable efforts by the Applicants: **NPL9**, Munday, L., "Amino-acids of the Cyclohexane Series. Part I.," *J. Chem. Soc.*, 8 pages (1961).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached Information Disclosure Statement Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Cynthia M. Bouchez Attorney for Applicants

Registration No. 47,438

Date:

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)		
Int'l Filing Date	November 4, 2004		
First Named Inventor	FISCHER, Reiner		
Art Unit	1614		
Examiner Name	To Be Assigned		
Attorney Docket Number	2400.0320000/VLC/CMB		

			U.S. PATENT DO	CUMENTS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
/K.B./	USI	5,994,274	11/30/2001	Fischer et al.		
/K.B./	US2	6,235,680 B1	05/22/2001	Ziemer et al.		
/K.B./	US3	6,251,827 B1	06/26/2001	Ziemer et al.		
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			T _e
-/K.B./	FP1	DE 2 218 097 A1	11/02/1972	Stauffer Chemical Co.	Abs
000	FP2	DE 2 350 547 A1	04/25/1974	Stauffer Chemical Co.	Abs
	FP3	EP 0 086 750 A2	08/24/1983	Ciba-Geigy AG	Abs
	FP4	EP 0 094 349 A2	11/16/1983	Ciba-Geigy AG	Abs
000	FP5	EP 0 174 562 A2	03/19/1986	Hoechst Aktiengesellschaft	Abs
occup	FP6	EP 0 191 736 A2	08/20/1986	Ciba-Geigy AG	Abs
1800	FP7	EP 0 262 399 A2	04/06/1988	Takeda Chemical Industries, Ltd.	
	FP8	EP 0 269 806 A1	06/08/1988	Hoechst Aktiengesellschaft	Abs
W	FP9	EP 0 333 131 A1	09/20/1989	Hoechst Aktiengesellschaft	Abs

Examiner Signature	/Kristin Bianchi/	Date Considered	01/02/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFOR	RMAT	ΓΙΟΝ [DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
STATE	-MFI	NT RY	APPLICANT	Int'l Filing Date	November 4, 2004
			eets as necessary)	First Named Inventor	FISCHER, Reiner
			,,	Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	2	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

			U.S. PATENT DOC	CUMENTS		
Examiner Cite Initials No. 1		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
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FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or		
Initials* /K.B./	No.1	Country Code ¹ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	T6	
8	FP10	EP 0 346 620 A1	12/20/1989	Hoechst Aktiengesellschaft	Abs	
0000	FPII	EP 0 355 599 A1	02/28/1990	Bayer AG	Abs	
	FP12	EP 0 377 893 A2	07/18/1990	Bayer AG	Abs	
	FP13	EP 0 415 211 A2	03/06/1991	Bayer AG	Abs	
	FP14	WO 91/07874 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs	
	FP15	WO 91/08202 A1	06/13/1991	Hoechst Aktiengesellschaft	Abs	
000	FP16	EP 0 442 073 A2	08/21/1991	Bayer AG	Abs	
\/	FP17	EP 0 442 077 A2	08/21/1991	Bayer AG	Abs	
ullet	FP18	EP 0 456 063 A2	11/13/1991	Bayer AG	Abs	

Examiner /Kristin Bianchi/	Date Considered	01/02/2009
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute	for form	1449A/P	то	Complete	e if Known
INFO	RMA	ΓΙΟΝ Ι	DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
	STATEMENT BY APPLICANT			Int'l Filing Date	November 4, 2004
01711			eets as necessary)	First Named Inventor	FISCHER, Reiner
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				Examiner Name	To Be Assigned
Sheet	3	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

			U.S. PATENT DO	CUMENTS		
Examiner Cite Initials No.	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,	
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or			
lnitials*	No.1	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	T ⁶		
/K.B./	FP19 EP 0 492 366 A2 07/01/1992		Hoechst Aktiengesellschaft	Abs			
00000	FP20	EP 0 521 334 A1	01/07/1993	Bayer AG	Abs		
8		GB 2 266 888 A	11/17/1993	Merck Sharp & Dohme Limited			
8	FP21			(Incorporated in the United Kingdom)			
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	FP23	EP 0 596 298 A2	05/11/1994	Bayer AG	Abs		
	FP24	EP 0 613 618 A1	09/07/1994	American Cyanimid Company			
	FP25	EP 0 613 884 A2	09/07/1994	Bayer AG	Abs		
1/	FP26	EP 0 613 885 A2	09/07/1994	Bayer AG	Abs		
W	FP27	WO 94/29268 A1	12/22/1994	Bayer Aktiengesellschaft	Abs		

Examiner Signature /Kristin Bianchi/	Date Considered	01/02/2009
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute	Substitute for form 1449A/PTO			Complete if Known		
INFO	RMA1	ΓΙΟΝ Ι	DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)	
STAT	FMFI	NT BY	APPLICANT	Int'l Filing Date	November 4, 2004	
0.7			ets as necessary)	First Named Inventor	FISCHER, Reiner	
	,		,,	Art Unit	1614	
				Examiner Name	To Be Assigned	
Sheet	4	of	7	Attorney Docket Number	2400.0320000/VLC/CMB	

			U.S. PATENT DOC	CUMENTS		
Examiner Initials*	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	
Initials*		Country Code ³ Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY	Applicant of Cited Document	T _e
/K.B./	FP28	WO 95/01971 A1	01/19/1995	Bayer Aktiengesellschaft	Abs
	FP29	WO 95/07897 A1	03/23/1995	Hoechst Schering AgrEvo GmbH	Abs
	FP30	WO 95/20572 A1	08/03/1995	Bayer Aktiengesellschaft	Abs
	FP31	EP 0 668 267 A1	08/23/1995	Bayer AG	Abs
	FP32	WO 95/26954 A1	10/12/1995	Bayer Aktiengesellschaft	Abs
	FP33	WO 96/25395 A1	08/22/1996	Bayer Aktiengesellschaft	Abs
	FP34	WO 96/35664 A1	11/14/1996	Bayer Aktiengesellschaft	Abs
\/	FP35	DE 196 03 332 A1	01/02/1997	Bayer AG	ISR
V	FP36	WO 97/01535 A1	01/16/1997	Bayer Aktiengesellschaft	Abs

Examiner /Kristin Bianchi/	Date Considered	01/02/2009
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Substitute	Substitute for form 1449A/PTO			Complete	Complete if Known		
INFOF	RMAT	ΓΙΟΝ Ι	DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)		
STAT	FMFI	NT RY	APPLICANT	Int'l Filing Date	November 4, 2004		
O I A I I			ets as necessary)	First Named Inventor	FISCHER, Reiner		
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				Examiner Name	To Be Assigned		
Sheet	5	of	7	Attorney Docket Number	2400.0320000/VLC/CMB		

	•		U.S. PATENT DOC	CUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,
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FOREIGN PATENT DOCUMENTS						
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/K.B./	B./ Kind Code ⁵ (if known) FP37 WO 97/02243 A1 01/23/	01/23/1997	Bayer Aktiengesellschaft	Abs		
	FP38	WO 97/36868 A1	10/09/1997	Bayer Aktiengesellschaft	Abs	
	FP39	WO 97/43275 A2	11/20/1997	Bayer Aktiengesellschaft	Abs	
0000	FP40	DE 196 21 522 A1	12/04/1997	Hoechst Schering AgrEvo GmbH	Abs	
00000	FP41	WO 98/05638 A2	02/12/1998	Bayer Aktiengesellschaft	Abs	
00000	FP42	WO 98/06721 A1	02/19/1998	Bayer Aktiengesellschaft	Abs	
	FP43	EP 0 835 243 B1	04/15/1998	Bayer CropScience AG		
1/	FP44	WO 98/25928 A1	06/18/1998	Bayer Aktiengesellschaft	ISR	
W	FP45	WO 99/16748 A1	04/08/1999	Bayer Aktiengesellschaft	Abs	

Examiner /Kristin Bianchi/	Date Considered	01/02/2009
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Substitute	for form	1449A/P	то	Complete	Complete if Known		
INFOR	RMAT	rion i	DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)		
STATI	EMEI	NT BY	' APPLICANT	Int'l Filing Date	November 4, 2004		
			eets as necessary)	First Named Inventor	FISCHER, Reiner		
	•	-	.	Art Unit	1614		
				Examiner Name	To Be Assigned		
Sheet	6	of	7_	Attorney Docket Number	2400.0320000/VLC/CMB		

			U.S. PATENT DOG	CUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
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/K.B./	FP46	WO 99/24437 A1	05/20/1999	Bayer Aktiengesellschaft	Abs		
000000	FP47	WO 99/43649 A1	09/02/1999	Bayer Aktiengesellschaft	Abs		
	FP48	WO 99/48869 A1	09/30/1999	Bayer Aktiengesellschaft	Abs		
88600	FP49	WO 99/55673 A1	11/04/1999	Bayer Aktiengesellschaft	Abs		
	FP50	WO 99/66795 A1	12/29/1999	Hoechst Schering AgrEvo GmbH	Abs		
	FP51	WO 01/09092 A1	02/08/2001	Bayer Aktiengesellschaft	Abs		
	FP52	WO 01/17972 A2	03/15/2001	Syngenta Participations AG	Abs		
\/	FP53	WO 01/23354 A2	04/05/2001	Bayer Aktiengesellschaft	Abs		
V	FP54	WO 01/74770 A1	10/11/2001	Bayer Aktiengesellschaft	Abs		

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INFOR	:MAT	ION I	DISCLOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
STATE	ME	IT BY	APPLICANT	Int'l Filing Date	November 4, 2004
			ets as necessary)	First Named Inventor	FISCHER, Reiner
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				Examiner Name	To Be Assigned
Sheet	7	of	7	Attorney Docket Number	2400.0320000/VLC/CMB

-11			U.S. PATENT DOC	CUMENTS		
Examiner Cite Initials No. 1	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
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/K.B./	FP55	WO 03/013249 A1	02/20/2003	Bayer Aktiengesellschaft	ISR
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INFORM	TATION	DISC	LOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)	
STATEMENT BY APPLICANT				Int'l Filing Date	November 4, 2004	
0171121	(Use as man)			First Named Inventor	FISCHER, Reiner	
	`		**	Art Unit	1614	
				Examiner Name	To Be Assigned	
Sheet	1	of	5	Attorney Docket Number	2400.0320000/VLC/CMB	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/K.B./	NPL1	Askani, R., "Reaction of 1,3-cyclohexadiene with azodicarboxylic acid diethyl ester," Chem. Berichte 98:2551-2555, Verlag Chemie (1965)	Abs
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000000000000000000000000000000000000000	NPL5	Dannenberg, V.H. and Dannenberg-von Dresler, D., "Verusche zur Synthese des "Steranthrens" III," <i>Justus Liebigs Ann. Chem.</i> 585:1-15, Verlag Chemie (1954)	Abs
000000000000000000000000000000000000000	NPL6	Diels, V.O., et al., "Über das aus Cyclopentadien und Azoester entestehende Endomethylen-piperidazin und seine Überführung in 1,3-Diamino-cyclopentan," <i>Justus Liebigs Ann. Chem.</i> 443:242-262, Verlag Chemie (1925)	Abs
000000000000000000000000000000000000000	NPL7	Edward, J.T. and Jitrangsri, C., "Stereochemistry of the Bucherer-Bergs and Strecker Reactions of 4-tert-Butylcyclohexanone," Can. J. Chem. 53:3339-3350, NRC Research Press (1975)	
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V	NPL9	Munday, L., "Amino-acids of the Cyclohexane Series. Part I.," J. Chem. Soc.: 4372-4379, Chemical Society (1961)	

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Signature	Transar Biarioni	Considered	01/02/2009

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INFORM	/ATION	DISC	LOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)	
			PLICANT	Int'l Filing Date	November 4, 2004	
	(Use as many			First Named Inventor	FISCHER, Reiner	
	,		- ···	Art Unit	1614	
				Examiner Name	To Be Assigned	
Sheet	2	of	5	Attorney Docket Number	2400.0320000/VLC/CMB	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
/K.B./	NPL10	Nakanishi, S. and Butler, K., "Synthesis of Chlorocarbonyl Ketenes," <i>Org. Prep. Proced. Int.</i> 7:155-158, Organic Preparations and Procedures, Inc. (1975)	
00:550:500:500:500:500	NPL11	Schmierer, R. and Mildenberger, H., "Cyclization of N-acylalanine and N-acylglycine Esters," <i>Liebigs Ann. Chem.</i> 1985:1095-1098, Verlag Chemie (1985)	Abs
000000000000000000000000000000000000000	NPL12	Sonntag, N.O.V., "The Reactions of Aliphatic Acid Chlorides," <i>Chem. Rev.</i> 52:237–416, American Chemical Society (1953)	
**************************************	NPL13	Suzuki, S. et al., "Studies on Antiviral Agents. IV. Biological Activity of Tenuazonic Acid Derivatives," Chem. Pharm. Bull 15:1120-1122, Pharmaceutical Society of Japan (1967)	
700070000000000000000000000000000000000	NPL14	Beilstein Database, Beilstein Registry No. 4957401, "ethyl 2-propylcarbazate," (entry date 1992)	
000000000000000000000000000000000000000	NPL15	Beilstein Database, Beilstein Registry No. 4968273, "ethyl 2,3-dipropylcarbazate," (entry date 1992)	
200000000000000000000000000000000000000	NPL16	Dialog File 351, Accession No. 502720, Derwent WPI English language abstract for DE 2 218 097 A1 (listed on accompanying PTO/SB/08A as document FP1)	
093000000000000000000000000000000000000	NPL17	Dialog File 351, Accession No. 629712, Derwent WPI English language abstract for DE 2 350 547 A1 (listed on accompanying PTO/SB/08A as document FP2)	
V	NPL18	Dialog File 351, Accession No. 2714950, Derwent WPI English language abstract for EP 0 086 750 A2 (listed on accompanying PTO/SB/08A as document FP3)	

Examiner /Kristin Bianchi/	Date Considered	01/02/2009
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INFORM	MATION	DISC	LOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
			PLICANT	Int'l Filing Date	November 4, 2004
	(Use as many			First Named Inventor	FISCHER, Reiner
	`		,,	Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	3	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T²
/K.B./	NPL19	Dialog File 351, Accession No. 2777922, Derwent WPI English language abstract for EP 0 094 349 A2 (listed on accompanying PTO/SB/08A as document FP4)	
000000000000000000000000000000000000000	NPL20	Dialog File 351, Accession No. 3892231, Derwent WPI English language abstract for EP 0 174 562 A2 (listed on accompanying PTO/SB/08A as document FP5)	
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Examiner	/Kristin Bianchi/	Date	04/00/0000
Signature	/Kristin Bianchi/	Considered	01/02/2009

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INFORM <i>A</i>	MOITA	DISC	LOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)
STATEMENT BY APPLICANT (Use as many sheets as necessary)				Int'l Filing Date	November 4, 2004
				First Named Inventor	FISCHER, Reiner
				Art Unit	1614
				Examiner Name	To Be Assigned
Sheet	4	of	5	Attorney Docket Number	2400.0320000/VLC/CMB

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title			
/K.B./	NPL28	Dialog File 351, Accession No. 5637050, Derwent WPI English language abstract for EP 0 442 073 A2 (listed on accompanying PTO/SB/08A as document FP16)			
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V	NPL36	Dialog File 351, Accession No. 6979862, Derwent WPI English language abstract for EP 0 613 885 A2 (listed on accompanying PTO/SB/08A as document FP26)			

Examiner Signature	/Kristin Bianchi/	Date Considered	01/02/2009

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Substitute for form 1449B/PTO				Co.	Complete if Known		
INFORM	TATION I	DISC	LOSURE	Application Number	10/578,403 (U.S. Nat'l Phase of Int'l Appl. No. PCT/EP2004/012443)		
STATEMENT BY APPLICANT				Int'l Filing Date	November 4, 2004		
(Use as many sheets as necessary)				First Named Inventor	FISCHER, Reiner		
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				Examiner Name	To Be Assigned		
Sheet	5	of	5	Attorney Docket Number	2400.0320000/VLC/CMB		

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Examiner Signature	/Kristin Bianchi/	Date Considered	01/02/2009
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

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